

REVIEW

9

SECTION 9.2

Simple Machines

1. **Name** an example of each of the following types of simple machines:

- | | |
|-------|-------------------|
| _____ | a. lever |
| _____ | b. wedge |
| _____ | c. pulley |
| _____ | d. wheel and axle |
| _____ | e. inclined plane |
| _____ | f. screw |

2. **Draw** the three types of levers, and label the input force, output force, and fulcrum on each.

First-class lever	Second-class lever	Third-class lever

3. **Compare** a wedge and a screw with an inclined plane.

4. **Describe** how an inclined plane increases the force without changing the amount of work done.

5. **Explain** how a wheelbarrow is a compound machine.
